AtomC - reguli sintactice

```
unit: ( structDef | fnDef | varDef )* END
structDef: STRUCT ID LACC varDef* RACC SEMICOLON
varDef: typeBase ID arrayDecl? SEMICOLON
typeBase: INT | DOUBLE | CHAR | STRUCT ID
arrayDecl: LBRACKET CT_INT? RBRACKET
fnDef: (typeBase | VOID ) ID
            LPAR (fnParam (COMMA fnParam)*)? RPAR
             stmCompound
fnParam: typeBase ID arrayDecl?
stm: stmCompound
     | IF LPAR expr RPAR stm ( ELSE stm )?
     | WHILE LPAR expr RPAR stm
     | FOR LPAR expr? SEMICOLON expr? SEMICOLON expr? RPAR stm
     | BREAK SEMICOLON
     | RETURN expr? SEMICOLON
      | expr? SEMICOLON
stmCompound: LACC (varDef | stm)* RACC
expr: exprAssign
exprAssign: exprUnary ASSIGN exprAssign | exprOr
exprOr: exprOr OR exprAnd | exprAnd
exprAnd: exprAnd AND exprEq | exprEq
exprEq: exprEq ( EQUAL | NOTEQ ) exprRel | exprRel
exprRel: exprRel ( LESS | LESSEQ | GREATER | GREATEREQ ) exprAdd | exprAdd
exprAdd: exprAdd (ADD | SUB) exprMul | exprMul
exprMul: exprMul ( MUL | DIV ) exprCast | exprCast
exprCast: LPAR typeBase arrayDecl? RPAR exprCast | exprUnary
exprUnary: (SUB | NOT) exprUnary | exprPostfix
exprPostfix: exprPostfix LBRACKET expr RBRACKET
      | exprPostfix DOT ID
     | exprPrimary
exprPrimary: ID ( LPAR ( expr ( COMMA expr )* )? RPAR )?
```

| CT INT | CT REAL | CT CHAR | CT STRING | LPAR expr RPAR